

TECHNICAL DATA

PROPERTIES		TEST METHOD	UNIT	J- 405		
PHYSICAL						
Thickness		ASTM D 374	Micron	19	23	30
Grammage		JPFTM	gm/m ²	26.6	32.2	42
Yield		JPFTM	m ² /kg	37	31	24
OPTICAL						
Haze		ASTM D 1003	%	4 ~ 5	4 ~ 5	4 ~ 5
Total Luminous Transmission		ASTM D 1003	%	88	88	88
MECHANICAL						
Tensile Strength (Min)	MD	ASTM D 882	Kg/cm ²	1900	1900	1900
	TD		Kg/cm ²	2000	2000	2000
Elongation (Min)	MD	ASTM D 882	%	90	90	90
	TD		%	85	85	85
Coefficient of friction Side-A / B) (Max)	St	ASTM D 1894	—	0.50	0.50	0.50
	Dy		—	0.45	0.45	0.45
THERMAL						
Shrinkage (190 ⁰ C / 5 Min) (Max)	MD	ASTM D 1204	%	4.5	4.5	4.5
	TD		%	Nil	Nil	Nil
SURFACE						
Wetting tension (Min)		ASTM D 2578	dyne/cm	44	44	44

TECHNICAL DATA					
PROPERTIES		TEST METHOD	UNIT	J- 405	
PHYSICAL					
Thickness		ASTM D 374	Micron	36	50
Grammage		JPFTM	gm/m ²	50.4	70
Yield		JPFTM	m ² /kg	20	14
OPTICAL					
Haze		ASTM D 1003	%	5 ~ 6	6 ~ 7
Total Luminous Transmission		ASTM D 1003	%	88	88
MECHANICAL					
Tensile Strength (Min)	MD	ASTM D 882	Kg/cm ²	1900	1900
	TD		Kg/cm ²	2000	2000
Elongation (Min)	MD	ASTM D 882	%	90	90
	TD		%	85	85
Coefficient of friction Side-A / B) (Max)	St	ASTM D 1894	—	0.50	0.50
	Dy		—	0.45	0.45
THERMAL					
Shrinkage (190°C / 5 Min) (Max)	MD	ASTM D 1204	%	4.5	4.5
	TD		%	Nil	Nil
SURFACE					
Wetting tension (Min)		ASTM D 2578	dyne/cm	44	44

TECHNICAL DATA

Properties		Test method	Unit	J-200			
PHYSICAL							
Thickness		ASTM D-374	Micron	10	11	12	15
Grammage		JPFTM	gm/m ²	14	15.4	16.8	21
Yield		JPFTM	m ² / kg	71	65	59	48
OPTICAL							
Haze (Max)		ASTM D-1003	%	3.5	3.5	3.5	3.5
Total luminous transmittance		ASTM D-1003	%	89	89	89	89
MECHANICAL							
Tensile strength (Min)	MD	ASTM D-882	Kg/cm ²	2000	2000	2000	2000
	TD	ASTM D-882	Kg/cm ²	1900	1900	1900	1900
Elongation (Min)	MD	ASTM D-882	%	90	90	90	90
	TD	ASTM D-882	%	85	85	85	85
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.50	0.50	0.50	0.50
	Dy	ASTM D-1894	-	0.45	0.45	0.45	0.45
THERMAL							
Shrinkage (MAX) (150°C / 30 min)	MD	ASTM D-1204	%	2.80	2.80	2.80	2.80
	TD	ASTM D-1204	%	0.40	0.40	0.40	0.40
SURFACE							
Wetting tension (Min)		ASTM D-2578	Dyne / cm	44	44	44	44
BARRIER							
WVTR (38 °C & 90% RH) (Max)		ASTM E-1249	gm/m2/24h	50	45	45	35
OTR (23 °C & 0% RH) (Max)		ASTM D-3985	cc/m2/24h	130	120	110	80